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Soviet Naval Activity Outside Home Waters During 1983

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A Research Paper

DIA review completed.

NAVY, NGA Reviews Completed

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SOV 84-10133CX

August 1984

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During 1983	

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Office of Soviet Analysis. Comments and queries are welcome and may be directed to the Chief, Theater

Forces Division, SOVA,

This paper was prepared by

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		Soviet Naval Activity Outside Home Waters During 1983		25X
	Key Judgments Information available as of 15 April 1984 was used in this report.	over 60,000 ship-days outside hom in 1982. The time spent out of area phibious warfare ships increased, clined. The Soviet presence increa Ocean and the waters off West Af out-of-area presence of about 165 of which were auxiliaries and rese percent of the Soviet Navy. Several changes in deployment pa In the Indian Ocean, the numbe steady decline that began in 198 secure naval privileges in Seyche Other activities included operati and landing (VTOL) aircraft car In the Pacific, the overall Soviet This was largely due to the conti the South China Sea to a size ris Squadron. In the Mediterranean, the Soviet moderate reinforcement of the se Soviets continued to develop nav for the repair of naval auxiliaries. In the Atlantic, the Soviet present.	r of Soviet ship-days continued the 1. The Soviets continued their efforelles, Mauritius, and other littoral stons by the Novorossiysk vertical talorier. presence increased almost 18 percentued growth of the Soviet naval for valing that of the Indian Ocean to presence increased somewhat, with quadron during the Lebanon crisis, all ties with Libya and to seek contres in Greek shipyards. Increased 10 percent. group arrived in Cuba until 1984, and activities with Cuban naval force. Soviet ship-days remained stable. To	than d am- daily half 25X1 Tts to tates. seeoff at The acts 25X1 25X1
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		• Soviet Naval Aviation the overall Soviet pre		ke up a substantial part of	25X1
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		observed in 1983 will composed Moscow high visibility portion of total Soviet in readiness of the Navy to close to home by increase waters. Newer and more expect the Soviets will of Western naval presence.	aval resources. Moscow is o perform high-priority wasing the number of units be capable platforms will, continue to respond to fluct in distant regions and to	deployments provide formitment of only a small s not likely to undercut the vartime tasks in waters operating in foreign however, be deployed. We ctuations in the size of the o pursue the operational	
		nations.	new or expanded naval p	privileges in Third World	
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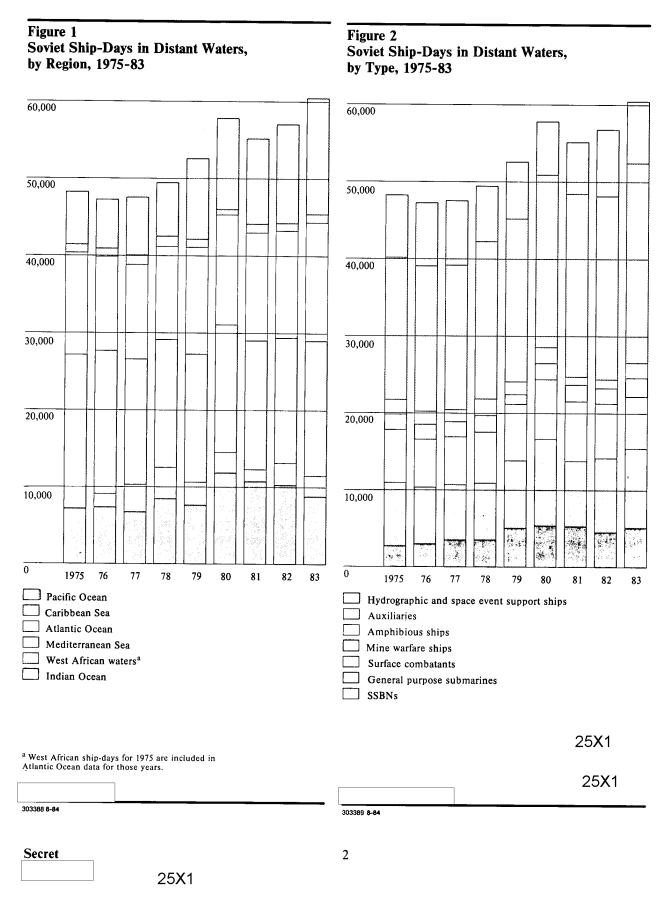
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Scope Note	This paper is one in a series that annually summarizes Soviet naval and naval air activity outside home waters. It includes trends in the level of Soviet naval presence in distant waters, and it seeks to highlight the more important or unusual activities of the Soviet Navy in those waters. Changes in Soviet access to or use of foreign naval and naval air facilities are also noted. This paper touches on Soviet naval diplomacy in the Third World as it relates to Soviet naval operations, but it does not include analysis of Moscow's foreign policy in the Third World. It also does not cover naval activities in waters contiguous to the USSR or the wartime missions or capabilities of the Soviet Navy.	
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·	Soviet Naval Activity Outside Home Waters During 1983		25 X 1
	Introduction This paper examines the Soviet naval presence in seven regions during 1983.¹ The level of naval deployments is compared with that of recent years, and important naval activities in each region are highlighted. The paper also looks ahead to likely developments in 1984 and beyond.	commitment of ships to the Atlantic increased about 10 percent last year, and ship-days in the Mediterranean Sea rose nearly as much.	25X1 25X1
25X1			
25X1		From Moscow's perspective, the acquisition of naval privileges associated with distant deployments serves both operational and political purposes. Operationally, the Soviets' use of foreign facilities contributes to their ability to sustain worldwide deployments in keeping with the position of a major international power. It provides an opportunity for peacetime reconnaissance of Western naval forces that could extend into the early stages of hostilities. Most foreign facilities to which the Soviets have access, however, are not currently suitable for extensive wartime logis-	
	General Pattern of Soviet Naval Deployments The Soviet naval presence outside home waters increased 6 percent in 1983, to a record high of almost 60,000 ship-days—nearly 5 percent above the previous peak set in 1980. Although this number reflects an overall rise in out-of-area deployments, there have been increases and decreases in the number, as well as changes in the type, of ships deployed to individual regions (see figures 1 and 2). In 1983, Soviet ship-days in the Pacific increased approximately 18 percent—due mainly to the continuing growth of the naval presence in the South China Sea and the continuing decline in ship-days in the Indian Ocean since 1980—a decrease of about 14 percent last year. Soviet deployment days in the Caribbean increased 9 per-	tic support or for pre-positioning supplies. They serve largely as secure, sheltered anchorages, and most would be highly vulnerable in wartime. Politically, the Soviets appear to believe that naval forces abroad can reinforce Moscow's response to regional crises, underscore its commitment to specific policies or local regimes, and support its efforts to strengthen ties to individual governments. Such benefits are intangible, however, and historically transient. ²	25X1
	cent. West African ship-days, which increased about 80 percent in 1982, declined slightly in 1983. The Regional boundaries, as shown in figure 11, are determined by the		25X1
	Naval Operational Intelligence Center.	25X1	
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Measuring Soviet Naval Presence

Using ship-days as a measure of Soviet naval presence outside home waters can be misleading without taking several considerations into account:

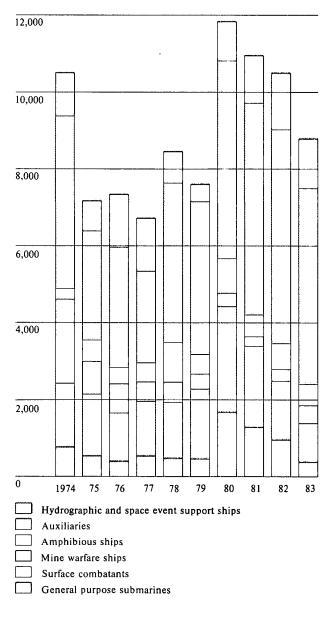
- Yearly statistics for overseas deployments do not highlight the large percentage of noncombat ships that the Soviets maintain abroad. Many naval auxiliaries such as yardcraft, repair ships, and submarine tenders are deployed out of area, and they are included in the ship-day count. In 1983 nearly 43 percent of Soviet ship-days represented such auxiliary ships and craft. (Another 13 percent accounts for research vessels and SESSs.)
- Our figures do not differentiate between days at sea and those spent in ports or sheltered anchorages.
- Ships in transit for sea trials or interfleet transfer are counted, although they may perform only limited operational functions or none at all.
- The Soviet Navy must commit ships to maintenance before, after, and sometimes during overseas deployments to maintain out-of-area force levels. Thus the ship-day count does not reflect the total time involved in supporting distant naval operations.
- Soviet out-of-area deployments attract significant attention; yet, they tie up well under 10 percent of the Soviet Navy on a daily average. In 1983 the Navy deployed a daily average of 18 surface combatants and about 28 general purpose submarines—only about 6 percent of the combatant inventory and approximately 12 percent of the general purpose submarines.

Regional Levels

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Indian Ocean. Soviet ship-days in the Indian Ocean continued the downward trend that began with the resolution of the Iranian hostage crisis in 1981 and the subsequent reduction in the US naval presence in the region. The Soviet presence dropped by approximately 14 percent in 1983 (see figure 3). During the same year, the Soviet Indian Ocean Squadron consisted of an average of 24 ships—down from about 32 in 1980, 30 in 1981, and 28 in 1982. The Squadron usually included one general purpose submarine, two or three surface combatants, a mine warfare ship, one

Figure 3
Soviet Ship-Days in the Indian Ocean,
1974-83



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or two amphibious ships, about 14 auxiliaries, and three or four research ships or SESSs. Changes in the Squadron's composition during 1983 further diminished its operational capability:

- Surface combatant ship-days, which fell 36 percent in 1982, dropped another 17 percent in 1983 continuing the pattern begun in 1981.
- Ship-days for general purpose submarines dropped by 60 percent to a level last seen in 1976—less than a fourth of the 1980 figure. No submarines were present in the Indian Ocean for more than three months from early May to early August.
- Auxiliary ship-days decreased somewhat during 1983, while amphibious ship-days remained fairly stable.
- The only notable increase during 1983 was in mine warfare ship-days, but these ships serve as monitoring platforms and do little to enhance the combat potential of the Squadron.
- As in 1982, a Soviet carrier task group deployed into the Indian Ocean. It made port calls in Mozambique—where the official reception was lukewarm—and Madras, India. One combatant also broke off and visited Seychelles during transit.
 Forces deployed to the Indian Ocean participated in a worldwide Soviet naval exercise (see Global Exercise).

Soviet hydrographic research ships were busy in the region. A group of three to four research ships operated extensively in the northern Arabian Sea. Other hydrographic ships were present in the Mozambique Channel, continuing a pattern of research activity begun in 1981. We do not expect an expanded Soviet naval presence in the channel in the near term, but we recognize the potential military applicability of the program. Similar research was carried out off Vietnam, West Africa, and Cuba before regular Soviet deployments to those areas. The research in the Arabian Sea may serve both military and economic purposes.

The Soviets made no headway in gaining further naval access to Mauritius last year. Only a naval-subordinated research ship made a port call at Port

Louis in 1983. Several civilian research vessels did call, however, during 1983 and the first quarter of 1984. In late March 1984, a diplomatic clearance request was submitted to the Mauritian Government for the projected May 1984 visit of two destroyers and an auxiliary oil tanker.

In 1983 the Soviets made a record number of port calls to Seychelles. These included calls requested by President Rene—as he has done in the past—to support his regime during his absence from the country or during times of perceived danger to his government. One call, for example, was made by a Soviet Ropucha-class amphibious landing ship that stayed in harbor for several days, during which time small, tightly controlled groups of ship's crew and naval infantrymen took shore leave.

the Soviets ashore—as in other locales—do not command the respect of the local populace because of their arrogant attitude and lack of spending money. This Ropucha is referred to by some Seychellois as "Rene's babysitter," because it has appeared on several occasions during his absence from the country. Other calls were made by combatants and both naval and civilian research ships.

The Soviets reportedly made additional efforts to increase their access to Seychelles by attempting to gain limited access to dilapidated fuel storage facilities on Sainte Anne Island. They have failed, however, to obtain access to any naval support facilities, in spite of military aid and their longstanding offer of protection for Rene.

Ship visits by US, British, and French ships also occurred in late 1983 and early 1984. The US Navy reported that its port call was a success, and US naval personnel were welcomed by the Seychellois.

The Soviets continued to support the Indian Ocean Squadron with auxiliary ships and yardcraft stationed at Ethiopia's Dehalak' Deset (Dahlak Island) and at Aden, South Yemen.

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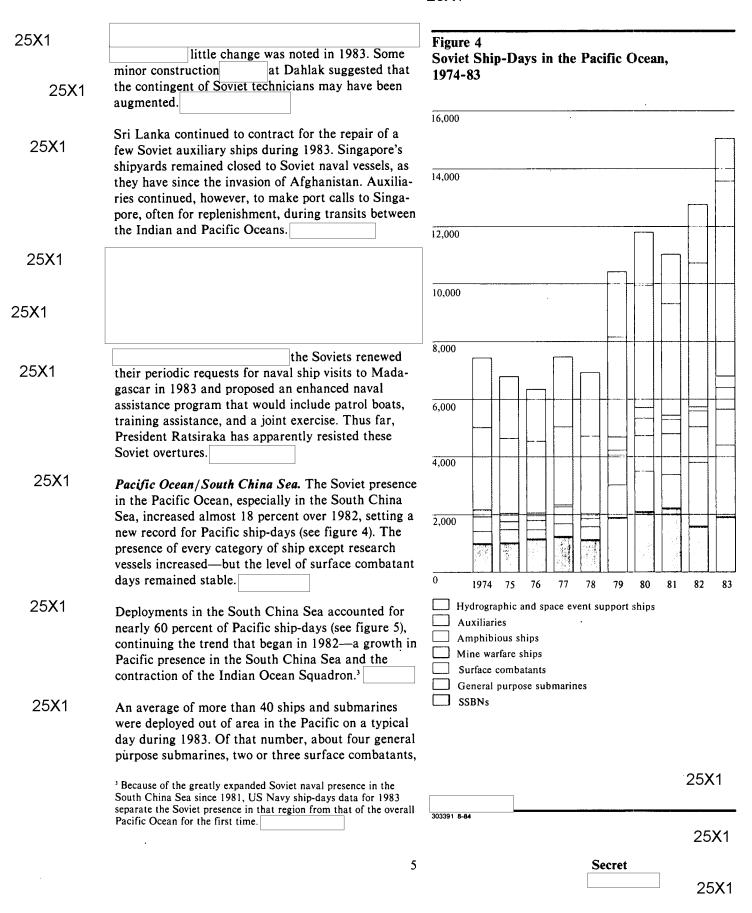
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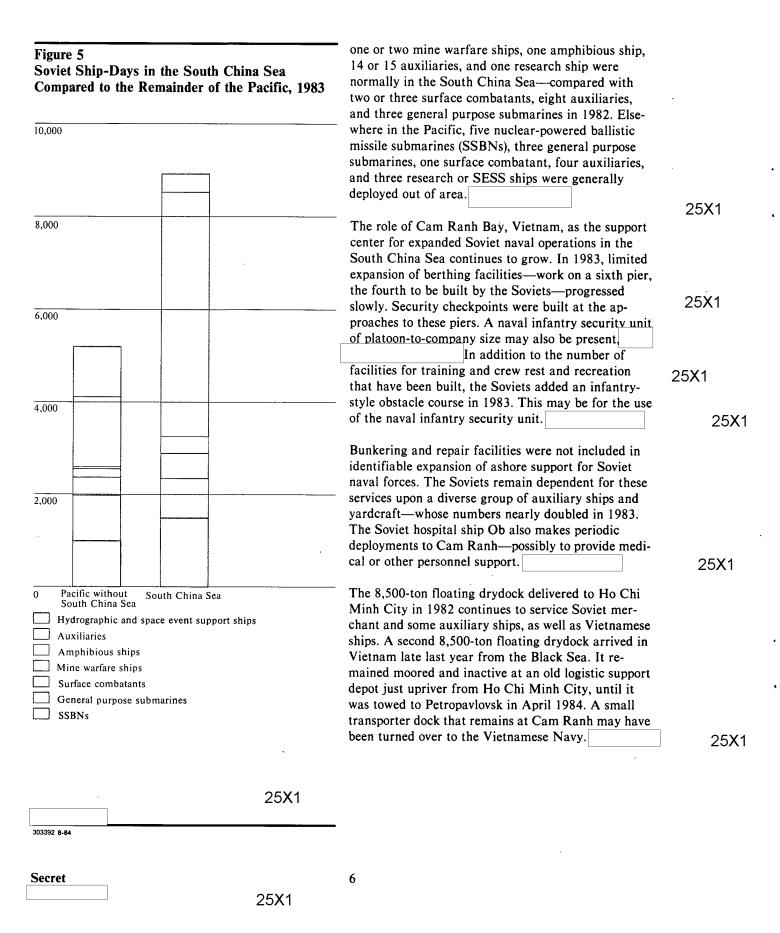
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Mediterranean Sea. The Soviet naval presence in the Mediterranean Sea increased about 8 percent in 1983—to the highest level since 1976—yet remained well below that of the early-to-middle 1970s (see figure 6). In 1983 the Mediterranean Squadron normally included about 48 ships: nine surface combatants, nine general purpose submarines, a mine warfare ship, one or two amphibious warfare ships, 24 auxiliaries, and three or four research ships.

There were several notable changes in the composition of the squadron:

- The presence of general purpose submarines rose about 23 percent, to the highest level since 1980, ending the steady decline in the Mediterranean submarine presence since that year. The submarines not only represented a heightened Soviet response to regional tensions; they also participated in regular exercises of the Mediterranean Squadron.
- The presence of amphibious ships—normally one Alligator landing ship or two small Polnocny landing ships—more than tripled from the year before. These ships usually remained at anchor in the eastern Mediterranean, probably ready to respond to an escalation of the crisis in Lebanon that might require the evacuation of Soviets. Amphibious ships also took part in some of the numerous exercises throughout the year.
- The presence of all other categories of ships in the region increased slightly or remained about the same.

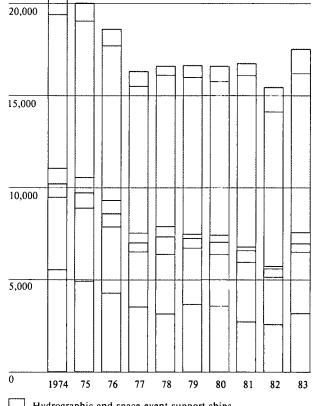
As in recent years, most Soviet naval activity occurred in the eastern Mediterranean in connection with the Lebanon crisis and the subsequent augmentation of US and West European forces in the region. In addition to monitoring Western naval and naval air forces, Soviet units made a large number of port visits to Syria, both for minor upkeep and replenishment from auxiliary ships and to show the flag in support of

Damascus. The Soviets also conducted a surface gunnery exercise off



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Hydrographic and space event support ships

Auxiliaries

Amphibious ships

Mine warfare ships

Surface combatants

General purpose submarines

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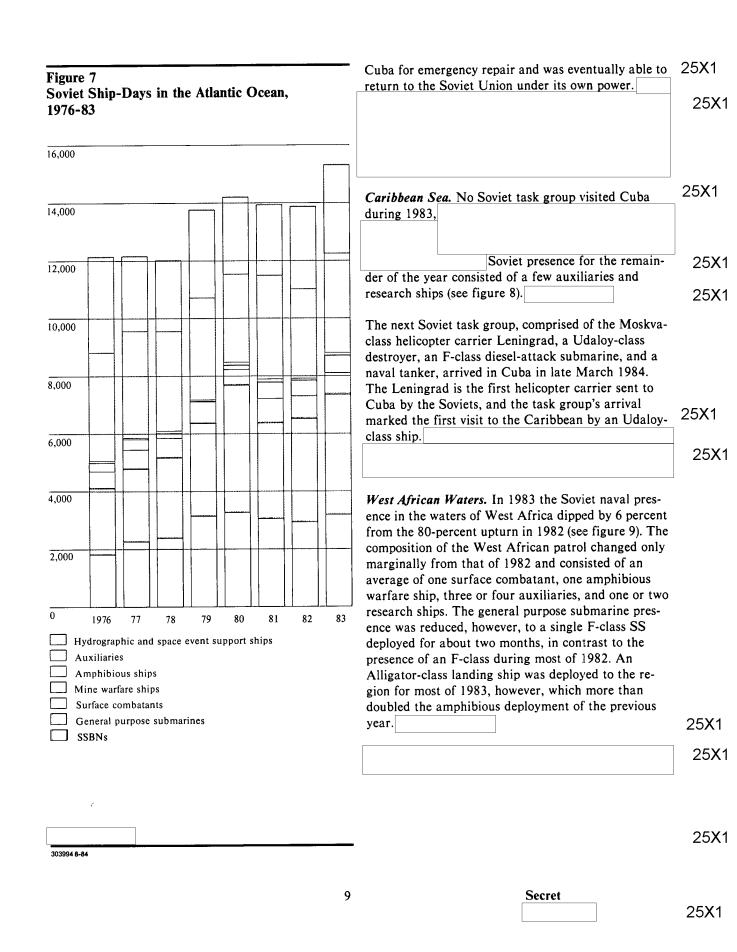
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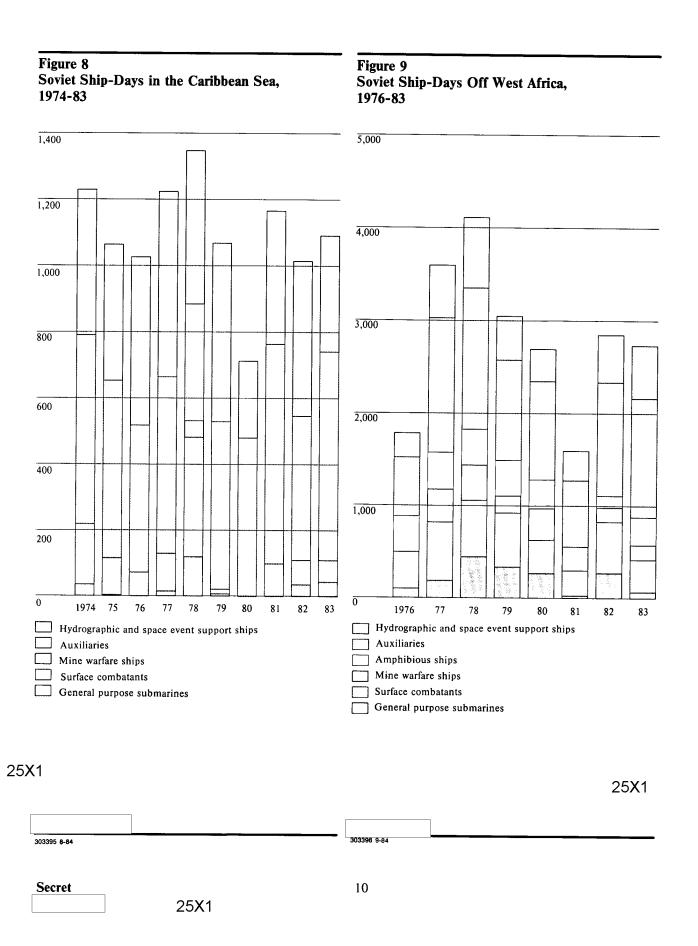
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	Lebanon for the first time in December 1983, probably in response to US actions in the region.	In 1983 the Soviets continued routine servicing of submarines in Syria and overhaul of submarines and subtenders in Yugoslavia and auxiliaries in Tunisia.	25 X 1
25X1	Soviet naval relations with Libya reflected the caution exercised by both sides in recent years. Soviet naval port calls to Tobruk and Tripoli continued periodically, with the most frequent calls during the spring and summer. The simultaneous visit of an Oskol-class repair ship and a J-class antiship cruise missile submarine (SSG) to Tobruk in December 1982 was repeated in July and October 1983.	The press reported in early December that a Soviet-Tunisian protocol on maritime affairs had been signed. The protocol contained little substance, according to attache reporting, but did cover the establishment of some type of training assistance for Tunisian shipyard workers.	25X1 25X1 25X 25X1
		Atlantic Ocean. Soviet ship-days in the Atlantic Ocean increased about 10 percent in 1983.	25 X ′
25X1 25X1	A joint submarine and repair ship visit took place in February 1984 as well, when a T-class SS and an Amur-class repair ship called in Tobruk. Such visits supplement the support given Mediterranean-deployed submarines in the crowded	All categories of ship presence increased except for surface combatants, which declined.	25X1 25X1 25X1
	port of Tartus, Syria, and may include support of Libyan submarines as a quid pro quo. Soviet naval aircraft also deployed periodically to Libya during the year. While the Soviets certainly will continue to take advantage of limited access to Libyan naval facilities, we believe they will reject any attempt by Qadhafi to embroil them in a potential US-Libyan maritime conflict.	V-III-class SSNs were initially deployed off the US east coast for reconnaissance and surveillance patrol in 1983. In early November, a V-III collided with the towed acoustic surveillance array of a US frigate	25X1
25X1	Soviet access for ship repairs in the region did not change substantially in 1983. According to the Greek media and US sources, Soviet unarmed auxiliaries continued to be repaired in small numbers at the state-owned Neorion shipyard on Syros Island. According to attache reporting, an apparent attempt to have an auxiliary repaired at a Piraievs shipyard, near a major Hellenic Navy base, was turned down, most likely because of the protests of the Hellenic Navy.	several hundred miles west of Bermuda. One of the two signals intelligence collection ships (AGI) that routinely operate off the US east coast and a salvage ship deployed to Cuba responded to the disabled submarine. The disabled V-III SSN was towed to Although the number of Soviet ship-days in the Atlantic is second only to that in the Mediterranean, the Atlantic ship-day totals do not represent the same kind of operational naval presence that is found in the Mediterranean, where an on-station squadron makes	
25 X 1	The Soviets are also testing to see how far they can push the Greeks on the matter of port access. Attache and press reports also indicate that one visit of two Soviet warships to Piraievs, in October 1983, included the commander of the Black Sea Fleet.	up the majority of the ship-days. Ships moving from the Northern Fleet to the Mediterranean, West Africa, and other regional deployment areas appear in Atlantic ship-day counts, as will most interfleet transfers, maiden deployments, and sea trials.	25 X 1
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Although Soviet support for the Angolan Government Figure 10 increased in 1983, the level and nature of Soviet naval Overseas Deployment of Soviet Naval Aviation, operations in the region did not change markedly. As 1976-83 in 1982, the Soviet Navy made port calls in the region to show the flag. The most visible was that of a task group visit to Luanda led by the Kiev-class carrier 5,000 Novorossiysk in November 1983. 25X1 the visit may have included an amphibious 25X1 landing exercise by naval infantry and landing craft from the Ivan Rogov-class large landing ship with the task group. Unlike the two preceding years, no Soviet naval visits were made to Namibe (Mocamedes) in 4,000 1983. The Soviets cautiously stayed away during the increased hostilities in the region. 25X1 3,000 25X1 2,000 1,000 The destroyer stationed at Luanda subsequently made a port call to Ghana—the first visit to that nation since late 1981. In 1983 Ghana also began to allow some Soviet access for air transports. Relations with 77 78 83 1976 80 81 82 Ghana may become increasingly important for Moscow if access to Guinea is curtailed or denied Syria, IL-38 May and TU-16 Badger 🗋 Libya, IL-38 May 25X1 Ethiopia, IL-38 May Soviet Naval Air Deployments South Yemen, IL-38 May Deployment of Soviet Naval Aviation (SNA) aircraft Vietnam, TU-16 to distant areas continues to provide Moscow a valu-Vietnam, TU-95 Bear D and F able asset for reconnaissance of Western naval forces. Increasingly, however, SNA is becoming more impor-Angola, TU-95 Bear D Cuba, TU-95 Bear D tant as an operational tool in reaction to regional Cuba, TU-95 Bear F events and as a potential asset in the event of hostilities. 25X1 The level of SNA presence abroad in 1983, as meas-25X1 ured in aircraft days in country, dropped less than 1 percent from that in 1982 (see figure 10). This trend 303397 8-84 11 Secret 25X1

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does not reflect, however, the many significant changes in the pattern and types of deployments that occurred.	2
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The most important SNA development in 1983 was the deployment of nine TU-16 Badger aircraft to Cam Ranh Bay in November. The force, apparently a composite squadron, consists of five strike, two tanker, one photoreconnaissance, and one electronic countermeasures (ECM) aircraft. Other than the presence of Badger bombers in Egypt in the early 1970s—which	25X1
were eventually turned over to the Egyptians—the only previous out-of-area use of Badgers occurred in a single exercise-related reconnaissance deployment of short duration to Syria in 1981. both missiles and missile support equipment for the AS-2 and AS-5 antiship air-to-surface missiles (ASMs) are present at Cam Ranh Bay. In addition, the amount of support equipment	25X1
and the extent and pace of construction at the airfield suggest that up to a regiment of naval Badgers, some 30 to 35 aircraft, could eventually be deployed there. For example: • The number of ground support vehicles at Cam Ranh jumped from less than 20 to roughly 100 in late 1983. • A number of new barracks and storage buildings	25X1 25X1
 A number of new barracks and storage buildings have been completed or are under construction. Petroleum, oil, and lubricant (POL) storage capacity has been increased by millions of liters and could be further expanded. 	Z5X1

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25X1		Outlook We expect the evolution observed in the type of Soviet deployments to foreign waters during 1983 to continue in 1984 and beyond:	
	The Soviets continue periodically to deploy a pair of Bear Ds to Cuba. Since March 1983, however, a pair of Bear Fs has accompanied these aircraft. Although the Bear Fs and Ds do not yet fly in mixed teams as they do out of Cam Ranh Bay, two Bear Fs and one Bear D did fly a mission together in October 1983. The Bear F ASW aircraft operate mainly between the United States and Bermuda, where they may attempt to locate US SSBNs transiting to and from their bases. The Bear Ds fly often against US naval battle groups—in a wide area	 The presence of general purpose submarines operating out of area will continue a gradual upward trend. In addition, modernization of the Soviet general purpose submarine force will continue to make more and better submarines available for out-of-area operations. While the number of surface combatant ship-days 	25X1 25X1 25X1
:5 X 1	off the East Coast.	logged in distant waters may continue to decline or stabilize near current levels, we expect the Soviets to deploy newer and more capable surface ships out of area.	
		• The presence of amphibious warfare ships in foreign waters will probably continue to increase as the Soviets become increasingly aware of their utility for regime support and contingency response to crises abroad.	
25X1		• Because Moscow's quest for naval access abroad continues to meet with mixed results, the presence of large numbers of auxiliary ships will continue to be essential to support the Soviet Navy's out-of-area operations. As in the past, the Soviets are unlikely to allow their desire for naval and/or naval air privileges to jeopardize their political relations with potential host states.	
		The overall level of distant Soviet naval deployments will probably remain relatively stable. Regional naval presence, however, will fluctuate because of crises and/or the augmentation of deployed Western naval forces. The Soviet naval presence in the Indian Ocean should stabilize at a lower level—barring a new regional crisis—as the presence in the South China Sea stabilizes at a higher level.	25X1 25X1
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The Soviets will continue to pursue opportunities for deployment of naval aircraft—especially in West Africa and the Indian Ocean—while working to maintain their present access in the Mediterranean. Further upgrading of SNA use of Vietnamese facilities is also likely.

25X1 Figure 11 Deployment Areas of Soviet Naval Forces Outside Home Waters Arctic Ocean Arctic Ocean North Atlantic Ocean 15 25X1

Figure 12
Overscas Facilities and Anchorages Used by Soviet Naval Forces

Soviet Union

Algeria

Alger

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